

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operat or	Plural s	Time Stamp
S1	1	10/684837.app.	US-PGPU B; USPAT	OR	ON	2006/07/20 11:41
S2	409	369/47.53	US-PGPU B; USPAT	OR	ON	2006/07/12 12:07
S3	44167	test\$4 near4 (writ\$4 record\$4)	US-PGPU B; USPAT	OR	ON	2006/07/12 12:18
S4	56128	(plural\$4 multiple many several adjacent) near3 track	US-PGPU B; USPAT	OR	ON	2006/07/12 12:18
S5	115	S3 near10 S4	US-PGPU B; USPAT	OR	ON	2006/07/12 12:18
S6	13	S5 and S2	US-PGPU B; USPAT	OR	ON	2006/07/12 12:18
S7	44167	test\$4 near4 (writ\$4 record\$4)	US-PGPU B; USPAT	OR	ON	2006/07/12 14:20
S8	56128	(plural\$4 multiple many several adjacent) near3 track	US-PGPU B; USPAT	OR	ON	2006/07/12 14:20
S9	115	S7 near10 S8	US-PGPU B; USPAT	OR	ON	2006/07/12 14:20
S10	86341	rewrit\$4 dvd-rw cd-rw	US-PGPU B; USPAT	OR	ON	2006/07/12 16:30
S11	30	S9 and S10	US-PGPU B; USPAT	OR	ON	2006/07/12 16:30
S12	50244	(writ\$4 record\$4) near2 (pattern pulse)	US-PGPU B; USPAT	OR	ON	2006/07/12 17:12
S13	40840	shift\$4 near4 (edge pulse)	US-PGPU B; USPAT	OR	ON	2006/07/13 10:03
S14	251905	(width length tim\$4) near4 pulse	US-PGPU B; USPAT	OR	ON	2006/07/12 16:31
S15	26	S9 same S12	US-PGPU B; USPAT	OR	ON	2006/07/12 17:13
S16	0	S9 same S13	US-PGPU B; USPAT	OR	ON	2006/07/12 17:13
S17	3	S9 same S14	US-PGPU B; USPAT	OR	ON	2006/07/12 17:23
S18	36	S7 near10 S13	US-PGPU B; USPAT	OR	ON	2006/07/13 10:03

## EAST Search History

S19	44250	test\$4 near4 (writ\$4 record\$4)	US-PGPU B; USPAT	OR	ON	2006/07/13 10:07
S20	252147	(width length tim\$4) near4 pulse	US-PGPU B; USPAT	OR	ON	2006/07/13 10:08
S21	215	S19 near10 S20	US-PGPU B; USPAT	OR	ON	2006/07/13 10:08
S22	4161503	set\$4 chang\$4 determin\$4 shift\$4	US-PGPU B; USPAT	OR	ON	2006/07/13 10:09
S23	69	(S20 near6 S22) near10 S19	US-PGPU B; USPAT	OR	ON	2006/07/13 10:38
S24	74011	(writ\$4 record\$4) near3 (power level intensity)	US-PGPU B; USPAT	OR	ON	2006/07/13 10:39
S25	9060	eras\$4 near3 (power level intensity)	US-PGPU B; USPAT	OR	ON	2006/07/13 10:39
S26	162	S19 same S24 same S25	US-PGPU B; USPAT	OR	ON	2006/07/13 10:56
S27	409	369/47.53	US-PGPU B; USPAT	OR	ON	2006/07/13 10:40
S28	30	S26 and S27	US-PGPU B; USPAT	OR	ON	2006/07/13 10:56
S29	44250	test\$4 near4 (writ\$4 record\$4)	US-PGPU B; USPAT	OR	ON	2006/07/13 13:41
S30	489771	saturat\$4	US-PGPU B; USPAT	OR	ON	2006/07/13 13:41
S31	28	S29 near6 S30	US-PGPU B; USPAT	OR	ON	2006/07/13 13:46
S32	74011	(writ\$4 record\$4) near3 (power level intensity)	US-PGPU B; USPAT	OR	ON	2006/07/13 13:47
S33	9060	eras\$4 near3 (power level intensity)	US-PGPU B; USPAT	OR	ON	2006/07/13 13:47
S34	44848	bias\$4 near3 (power level intensity)	US-PGPU B; USPAT	OR	ON	2006/07/18 10:40
S35	313	S32 same S33 same S34	US-PGPU B; USPAT	OR	ON	2006/07/18 10:40
S36	432845	S29 opc (power intensity) near3 (control\$4 set\$4 determin\$4)	US-PGPU B; USPAT	OR	ON	2006/07/18 10:40
S37	119	S35 same S36	US-PGPU B; USPAT	OR	ON	2006/07/18 10:51

## EAST Search History

S38	16	("4918677"   "5706259").PN. OR ("5949747").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/13 14:53
S39	15547	(bias\$4 read\$4) near10 eras\$4 near10 (writ\$4 record\$4)	US-PGPU B; USPAT	OR	ON	2006/07/18 11:09
S40	1859538	power intensity	US-PGPU B; USPAT	OR	ON	2006/07/18 10:52
S41	1475	S39 near10 S40	US-PGPU B; USPAT	OR	ON	2006/07/18 11:09
S42	39032	test near3 (writ\$4 record\$4) "optimum power control" opc	US-PGPU B; USPAT	OR	ON	2006/07/18 11:09
S43	21415	S40 and S42	US-PGPU B; USPAT	OR	ON	2006/07/18 11:10
S44	387	S43 and 369/47.53.ccls.	US-PGPU B; USPAT	OR	ON	2006/07/18 11:10
S45	2570752	fix\$4 constant	US-PGPU B; USPAT	OR	ON	2006/07/18 11:10
S46	58	S41 near10 S45	US-PGPU B; USPAT	OR	ON	2006/07/18 11:10
S47	41	S46 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/07/18 11:10
S48	3809846	var\$5 chang\$4	US-PGPU B; USPAT	OR	ON	2006/07/18 11:11
S49	2915125	power level intensity	US-PGPU B; USPAT	OR	ON	2006/07/18 11:12
S50	6858	S48 near6 ((writ\$4 record\$4) near3 S49)	US-PGPU B; USPAT	OR	ON	2006/07/18 11:12
S51	762	S48 near6 (eras\$4 near3 S49)	US-PGPU B; USPAT	OR	ON	2006/07/18 11:12
S52	9517	S48 near6 ((bias\$4 read\$4 bottom) near3 S49)	US-PGPU B; USPAT	OR	ON	2006/07/18 11:15
S53	145	S50 and S51 and S52	US-PGPU B; USPAT	OR	ON	2006/07/18 11:15
S54	56	S53 and S42	US-PGPU B; USPAT	OR	ON	2006/07/18 11:16
S55	55	S54 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/07/18 11:16

## EAST Search History

S56	39032	test near3 (writ\$4 record\$4) "optimum power control" opc	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S57	3809846	var\$5 chang\$4	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S58	2915125	power level intensity	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S59	6858	S57 near6 ((writ\$4 record\$4) near3 S58)	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S60	762	S57 near6 (eras\$4 near3 S58)	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S61	9517	S57 near6 ((bias\$4 read\$4 bottom) near3 S58)	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S62	145	S59 and S60 and S61	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S63	56	S62 and S56	US-PGPU B; USPAT	OR	ON	2006/07/18 16:35
S64	55	S63 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/07/18 17:40
S65	1273	(detect\$4 near4 envelope) near6 (max maximum peak)	US-PGPU B; USPAT	OR	ON	2006/07/18 17:41
S66	14	S65 same S56	US-PGPU B; USPAT	OR	ON	2006/07/19 10:47
S67	803	((369/47.49) or (369/59.11) or (369/59.12)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/19 11:01
S68	46029	test\$4 near3 (writ\$4 record\$4) opc "optimum power control"	US-PGPU B; USPAT	OR	ON	2006/07/19 10:59
S69	252394	pulse near4 (width length tim\$4)	US-PGPU B; USPAT	OR	ON	2006/07/19 11:00
S70	35	S68 near10 S69 and S67	US-PGPU B; USPAT	OR	ON	2006/07/19 11:00
S71	69147	cool\$4 near4 (pulse tim\$4)	US-PGPU B; USPAT	OR	ON	2006/07/19 13:51
S72	5	S68 near10 S71 and S67	US-PGPU B; USPAT	OR	ON	2006/07/19 13:52

## EAST Search History

S73	803	((369/47.49) or (369/59.11) or (369/59.12)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/19 13:50
S74	28482	shift near4 (edge pulse)	US-PGPU B; USPAT	OR	ON	2006/07/19 13:52
S75	46029	test\$4 near3 (writ\$4 record\$4) opc "optimum power control"	US-PGPU B; USPAT	OR	ON	2006/07/19 13:52
S76	9	S74 near10 S75 and S73	US-PGPU B; USPAT	OR	ON	2006/07/19 13:57
S77	436169	asymmetry beta	US-PGPU B; USPAT	OR	ON	2006/07/19 14:08
S78	41	S74 near10 S77	US-PGPU B; USPAT	OR	ON	2006/07/19 14:08
S79	4	S75 and S78	US-PGPU B; USPAT	OR	ON	2006/07/19 14:08
S80	24	S74 same S77 and S75	US-PGPU B; USPAT	OR	ON	2006/07/19 14:09
S81	12	("5155719"   "5513165"   "5590111"   "5636194"   "5642343"   "5701281"   "5732061"   "6069857").PN. OR ("6157609").URPN.	US-PGPU B; USPAT; USOCR	OR	ON	2006/07/19 15:24
S82	32556	jitter	US-PGPU B; USPAT	OR	ON	2006/07/20 11:41
S83	252663	pulse near4 (width length tim\$4)	US-PGPU B; USPAT	OR	ON	2006/07/20 11:41
S84	1474	S82 near10 S83	US-PGPU B; USPAT	OR	ON	2006/07/20 11:41
S85	804	((369/47.49) or (369/59.11) or (369/59.12)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/20 11:41
S86	87	S84 and S85	US-PGPU B; USPAT	OR	ON	2006/07/20 11:41
S87	46095	test\$4 near3 (writ\$4 record\$4) opc "optimum power control"	US-PGPU B; USPAT	OR	ON	2006/07/20 11:42
S88	21	S87 same S84	US-PGPU B; USPAT	OR	ON	2006/07/20 16:15

## EAST Search History

S89	2773894	(magnitude maximum level)	US-PGPU B; USPAT	OR	ON	2006/07/20 16:15
S90	252663	pulse near4 (width length tim\$4)	US-PGPU B; USPAT	OR	ON	2006/07/20 16:15
S91	46095	test\$4 near3 (writ\$4 record\$4) opc "optimum power control"	US-PGPU B; USPAT	OR	ON	2006/07/20 16:16
S92	37949	S89 near10 S90	US-PGPU B; USPAT	OR	ON	2006/07/20 16:16
S93	110	S91 same S92	US-PGPU B; USPAT	OR	ON	2006/07/20 16:17
S94	53	S93 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/07/20 17:12
S95	773	cool\$4 near4 S90	US-PGPU B; USPAT	OR	ON	2006/07/20 17:13
S96	6	S91 same S95	US-PGPU B; USPAT	OR	ON	2006/07/20 17:22
S97	94318	cool\$4 near4 (tim\$4 pulse period length)	US-PGPU B; USPAT	OR	ON	2006/07/20 17:23
S98	111	S91 same S97	US-PGPU B; USPAT	OR	ON	2006/07/20 17:23
S99	16	S98 and "369".clas.	US-PGPU B; USPAT	OR	ON	2006/07/20 17:23
S100	804	((369/47.49) or (369/59.11) or (369/59.12)).CCLS.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/20 17:38
S101	252663	pulse near4 (width length tim\$4)	US-PGPU B; USPAT	OR	ON	2006/07/20 17:38
S102	169	S100 and S101 and S91	US-PGPU B; USPAT	OR	ON	2006/07/20 17:40
S103	4313602	chang\$4 adjust\$4 set\$4 shift\$4 determin\$4	US-PGPU B; USPAT	OR	ON	2006/07/20 17:41
S104	123	S103 near6 S101 and S91 and S100	US-PGPU B; USPAT	OR	ON	2006/07/20 17:42
S105	37	S103 near6 S101 same S91 and S100	US-PGPU B; USPAT	OR	ON	2006/07/20 17:48

## EAST Search History

S10 6	1	("6563775").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/20 17:54
S10 7	33023	(writ\$4 record\$4) near2 (strategy pattern)	US-PGPU B; USPAT	OR	ON	2006/07/20 17:55
S10 8	3511	S103 near4 S107	US-PGPU B; USPAT	OR	ON	2006/07/20 17:55
S10 9	47284	(test\$4 trial) near3 (writ\$4 record\$4) opc	US-PGPU B; USPAT	OR	ON	2006/07/20 17:56
S11 0	475	S108 same S109	US-PGPU B; USPAT	OR	ON	2006/07/20 17:56
S11 1	15574	(bias\$4 read\$4) near10 eras\$4 near10 (writ\$4 record\$4)	US-PGPU B; USPAT	OR	ON	2006/07/20 17:57
S11 2	1862056	power intensity	US-PGPU B; USPAT	OR	ON	2006/07/20 17:57
S11 3	1478	S111 near10 S112	US-PGPU B; USPAT	OR	ON	2006/07/20 17:57
S11 4	44	S113 and S110	US-PGPU B; USPAT	OR	ON	2006/07/20 19:00
S11 5	1	("4894816").PN.	US-PGPU B; USPAT; USOCR	OR	OFF	2006/07/20 19:00